

The Columbia University Digestive & Liver Diseases Research Center

2023 Annual Retreat and DLDRC Reception

May 23rd, 2023
Columbia University
School of Nursing, Seventh Floor
560 W. 168th Street,
New York, NY 10032
1:00pm



CU-DLDRC
DIVISION OF DIGESTIVE
AND LIVER DISEASES

Our Keynote Speaker



Elaine V. Fuchs, PhD is the Rebecca C. Lancefield Professor and Howard Hughes Medical Institute Investigator at Rockefeller University, New York. Her laboratory studies the mechanisms underlying stem cells, tissue repair, aging and cancer using in vitro studies, mouse and other model systems coupled with high throughput genomics, single cell sequencing, live imaging, cell biology and functional approaches. Dr Fuchs publishes extensively in top tier journals including Nature, Science, Cell and Nature Cell Biology. She is an elected member of the National Academy of Sciences, American Academy of Arts and Sciences and has won many accolades for her work including the Richard Lounsbery Award (National Academy of Sciences), the Dickson Prize in Medicine, the L’OrealUNESCO Awards for Women in Science, the International Society for Stem Cell Research Innovation Award and the National Medal of Science.

ANNUAL CU-DLDR 2023 RETREAT AND RECEPTION

(7th floor, School of Nursing Building, 560 W 168th St., NY 10032)

1:00-1:10PM: Welcome (Robert Schwabe, MD, Timothy Wang, MD, Rebecca Haeusler, PhD)

KEYNOTE ADDRESS

1:10-2:00pm ***Elaine Fuchs, PhD***, Rebecca C. Lancefield Professor, Investigator, Howard Hughes Medical Institute, Rockefeller University, NY.
"Stem Cells: Coping with Stress"

SESSION 1: *Epithelial Homeostasis, Metabolism, and Regeneration*
Chair: Timothy Wang, MD

2:00-2:20PM **Harris Wang, PhD** "Next-gen stool-based genomic technologies to dissect GI diseases"

2:20-2:40PM **Kelley Yan, MD, PhD** "A revisionist view of tissue regeneration in the gut epithelium"

BREAK 2:40-3:10PM

SESSION 2: *Pilot & Feasibility Awardees*
Chair: Utpal Pajvani, MD, PhD

3:10-3:30PM **Xiao Zhao, MD** "Elucidation of pathways underlying toxin-induced biliary atresia using complementary model systems"

3:30-3:50PM **Lale Ozcan, MD** "Hepatic Rap1a in NAFLD and NASH pathogenesis"

3:50-4:10PM **Chia-Wei Cheng, PhD** "Metabolic heterogeneity: learning from stem cells in the left and right colon"

SESSION 3: *Epithelial Interactions in Inflammation and Preneoplasia*
Chairs: Yiping Han, PhD and Ivaylo Ivanov, PhD

4:10-4:30PM **Howard Worman, MD** "Nuclear Envelope, steatosis and hepatic lipid metabolism"

4:30-4:50PM **Ivaylo Ivanov, PhD** "Regulation of obesity and metabolic disease by intestinal immunity"

Poster session & DLDR Reception

4:50-6:30PM Posters by CU-DLDR labs, wine & cheese, 7th floor Nursing building and terrace.